

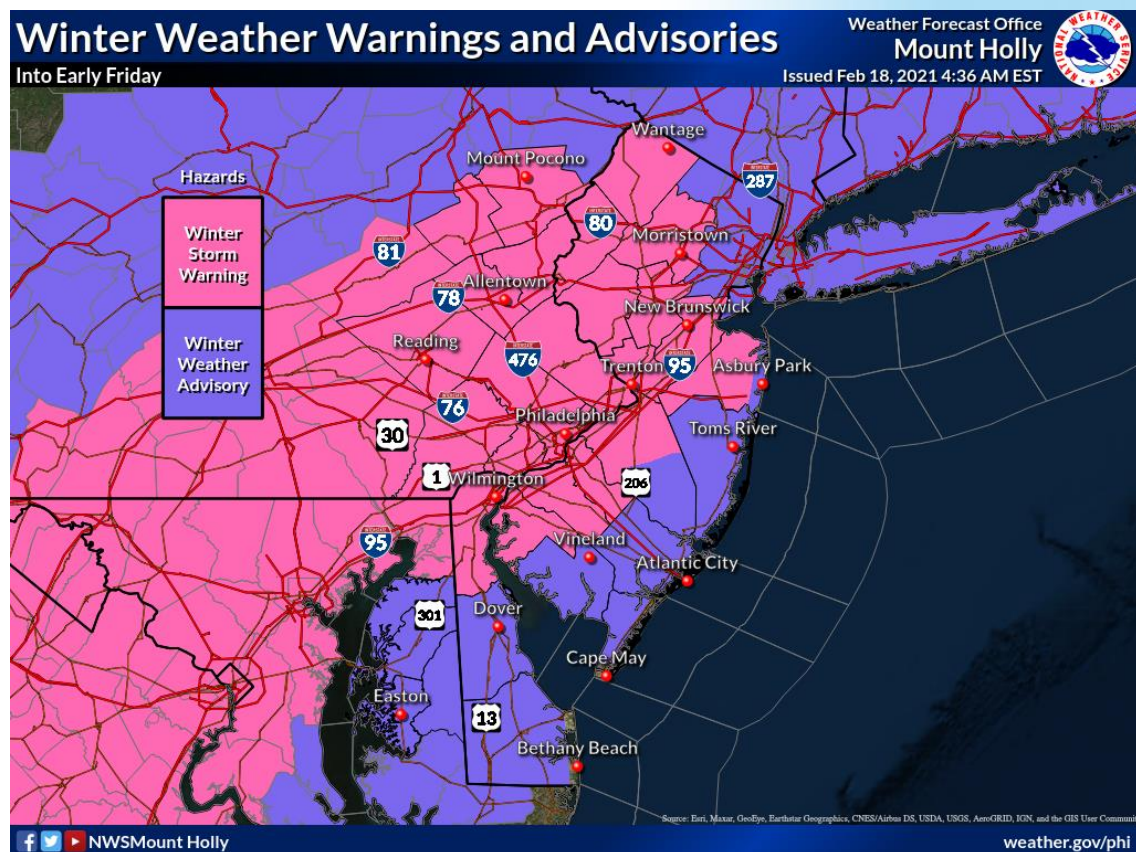
Winter Storm

February 18-19, 2021




Decision Support Briefing #4 As of: 6 AM, Thursday, February 18, 2021

What Has Changed?


- ✓ *Snow amounts slightly lowered in most areas*
- ✓ *Onset of precipitation is about 1-2 hours slower this morning*



Main Points


Hazard	Impacts	Location	Timing
Snow 	<p>Periods of snow, with amounts of 4-8 inches with locally higher amounts, will result in hazardous driving conditions.</p>	<p>Southern Poconos, northwest New Jersey, Lehigh Valley, and Berks County.</p>	<p>Snow will move in early this morning, becoming heavy at times through this afternoon. Light snow will continue through Friday morning before tapering off.</p>
Snow/ Wintry Mix 	<p>A combination of snow and sleet, with amounts of 4-8 inches, will result in hazardous driving conditions. Snow rates up to an inch per hour may result in quick deterioration of road conditions. Light icing may also occur, primarily tonight.</p>	<p>Southeast Pennsylvania, portions of central and southern New Jersey along the I-95 corridor, and northern Delaware.</p>	<p>Snow will move in early this morning, becoming heavy at times through early afternoon. Snow will likely mix with sleet and freezing rain late this morning through the afternoon. A light wintry mix is possible tonight into Friday.</p>
Snow/ Wintry Mix/ Rain 	<p>Snow becoming a wintry mix, with total snow accumulations of 1 to 4 inches, may create slippery conditions on untreated surfaces. Light icing may also occur.</p>	<p>Portions of southeast NJ, southern Delaware, and eastern Maryland.</p>	<p>An initial burst of snow this morning is expected to transition to a wintry mix or even plain rain near the coast this afternoon. Light precipitation may transition back to more wintry types tonight into Friday.</p>

Summary of Greatest Impacts




Snow: Lehigh Valley, S Poconos, NW NJ				
None	Limited	Elevated	Significant	Extreme





Snow/wintry mix: SE PA, I-95 corridor, N DE				
None	Limited	Elevated	Significant	Extreme





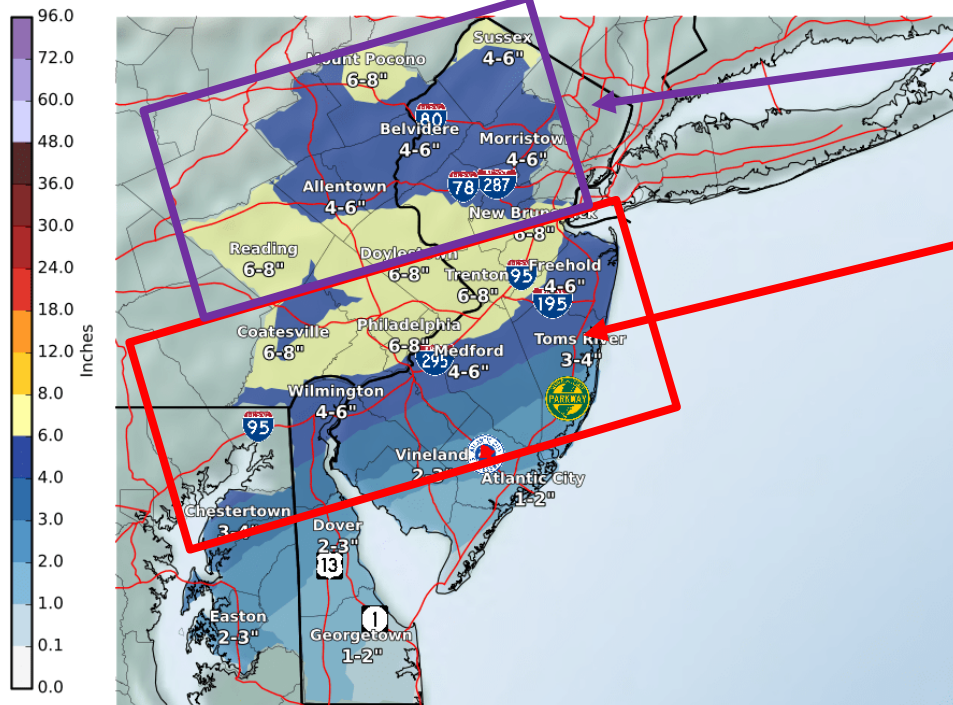
Snow/wintry mix/rain: SE NJ, S DE into MD				
None	Limited	Elevated	Significant	Extreme



Expected Snowfall Accumulation

Expected Snowfall - Official NWS Forecast

Valid: 02/18/2021 07:00 AM - 02/19/2021 07:00 PM



- ✓ High confidence in widespread impactful snow accumulations across the northern third of the area.
- ✓ Low confidence in snow totals in the central third of the region, owing to mixing with sleet and freezing rain.

Impacts	Extreme			
	Significant		X	
	Elevated			
	Limited			
	None			
		Low	Moderate	High
		Confidence		



National Weather Service
Mount Holly, NJ
02/18/2021 04:46 AM EST

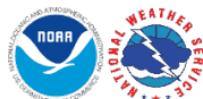
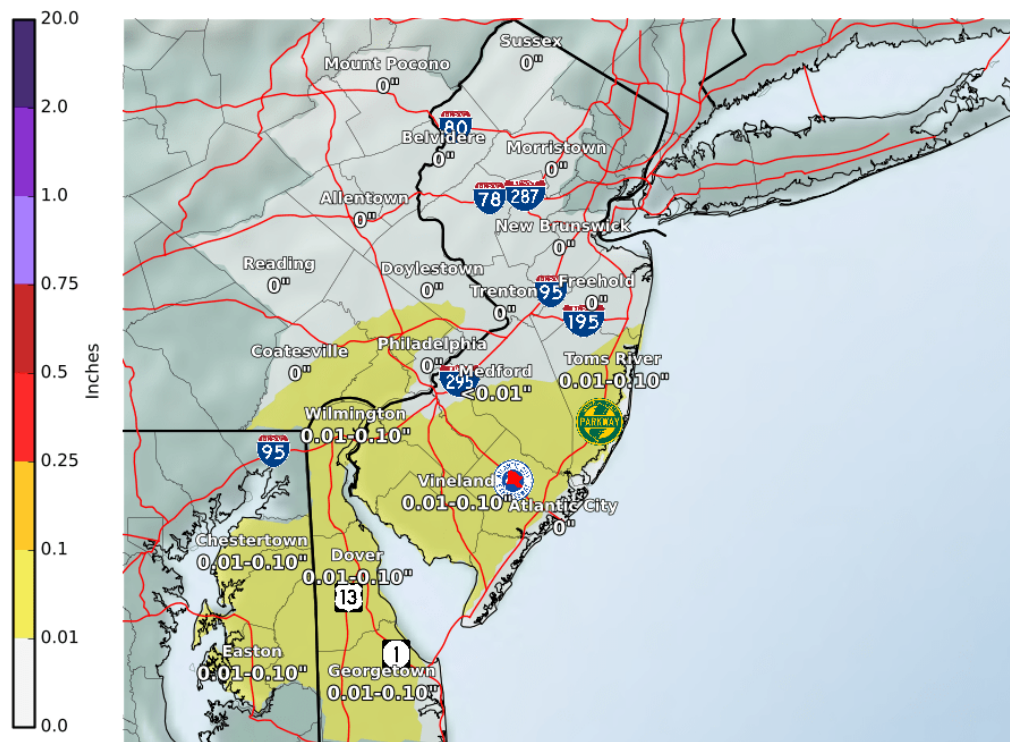
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Expected Ice Accumulation

Expected Ice Accumulation- Official NWS Forecast

Valid: 02/18/2021 07:00 AM - 02/19/2021 07:00 AM



National Weather Service
Mount Holly, NJ
02/18/2021 04:50 AM EST

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- ✓ Moderate confidence in ice accretion across portions of far southeast Pennsylvania, southern New Jersey, and Delmarva.

Impacts ↑	Extreme			
	Significant			
	Elevated			
	Limited		X	
	None			
		Low	Moderate	High
		Confidence →		

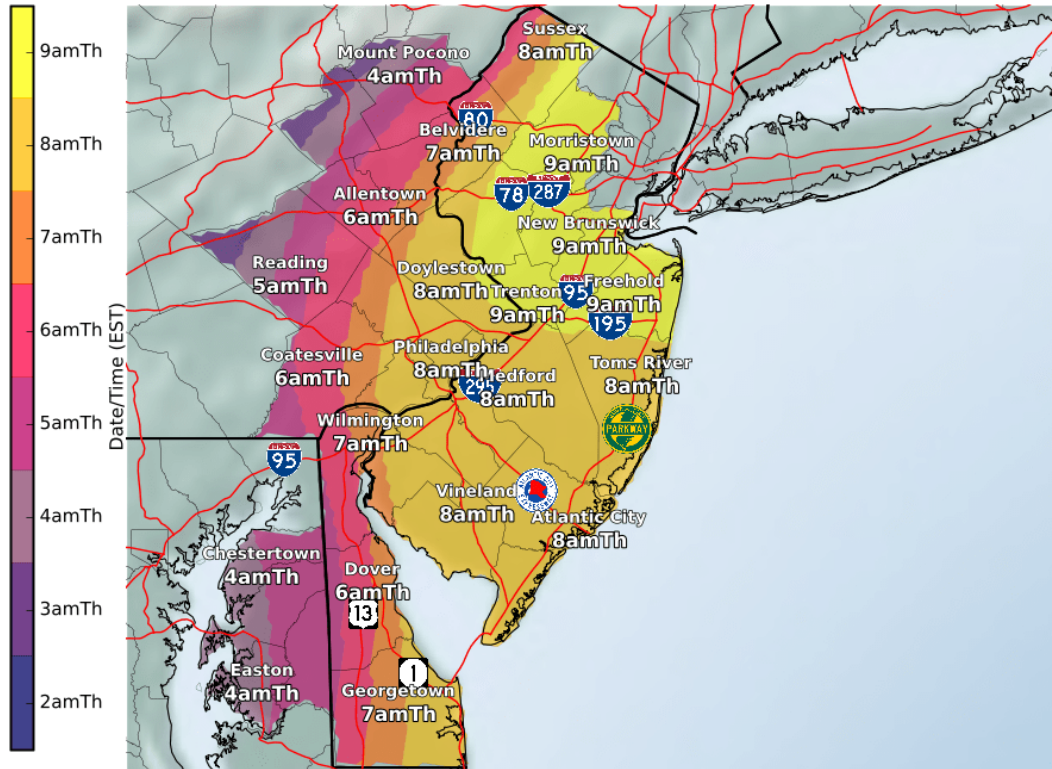


Onset Time for Wintry Precipitation

Experimental Product

Winter Precipitation Onset Time

Valid: 02/17/2021 07:00 PM - 02/18/2021 07:00 PM



National Weather Service
Mount Holly, NJ
 02/18/2021 03:39 AM EST

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Event Summary

- ✓ Winter Storm Warnings remain in effect for eastern Pennsylvania, most of New Jersey, and northern Delaware.
- ✓ Winter Weather Advisories remain in effect for southeast New Jersey, southern Delaware, and southern portions of the eastern shores of Maryland.
- ✓ Snow will move in quickly this morning and become heavy at times through early afternoon. Snow rates up to an inch per hour are possible, especially between the I-78 and I-76 corridors. Rapid deterioration of road conditions is possible during this time frame should these snow rates occur. Snow will begin to mix with sleet and/or freezing rain from south to north, mainly to the south of the I-276/I-195 corridors, during the afternoon.
- ✓ Snowfall amounts along and south/east of I-95 will depend on how much mixing occurs. There are some indications that a longer period of sleet may occur within a zone across this area.
- ✓ The bulk of the accumulating snow still looks to occur through this evening, with some lighter wintry precipitation lingering into Friday.

Contact and Next Briefing Information

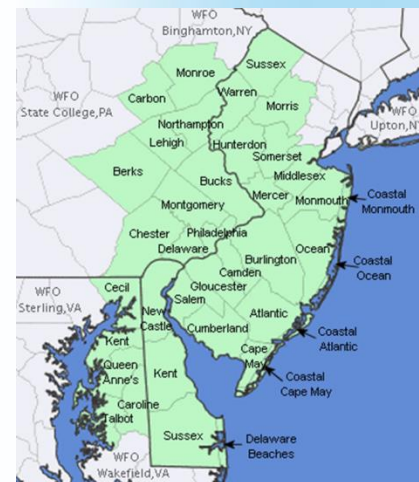


Next Briefing

*This is the final scheduled briefing
for this event.*

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